## Message Text

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**ORIGIN NEA-10** 

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DRAFTED BY USGS:JAREINEMUND;NEA/ARP:COCECIL:LB APPROVED BY NEA/ARP:JWTWINAM USGS:AFHOLZLE USGS:HFFLEMING AID/NE/NENA:EGLAESER

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P R 110241Z DEC 76 FM SECSTATE WASHDC TO AMEMBASSY SANA PRIORITY INFO AMEMBASSY JIDDA

AMEMBASSY KUWAIT

UNCLAS STATE 301519

E.O. 11652: N/A

TAGS: EMIN, YE, YS

SUBJECT: USGS-YAR MINERAL SURVEY

REFERENCES: (A) SANA 4023, (B) JIDDA 7715

1. ARP SPOKE TO MR. GEORGE DOUMANI, PRESIDENT OF ADAR, ON DECEMBER 9, AND REQUESTED COPY OF SCOPE OF WORK PROPOSAL. MR. DOUMANI STATED THAT PROPOSAL HAD JUST BEEN PRESENTED LAST WEEK TO ARAB FUND FOR ECONOMIC AND SOCIAL DEVELOPMENT (AFESD) IN KUWAIT AND THAT HE WAS RELUCTANT TO RELEASE COPY UNTIL AFESD HAD APPROVED IT. REVIEW PROCESS, "MORE DIPLO-MATIC THAN SCIENTIFIC," MIGHT TAKE TWO MONTHS; NEXT STEP, ACCORDING TO DOUMANI, IS FOR AFESD TO INVITE REPRESENTA-TIVES FROM YAR, PDRY, AND ADAR TO COME TO KUWAIT FOR DIS-CUSSIONS. DOUMANI STATED THAT THE AFESD WOULD CONSIDER FUNDING "INTER-COUNTRY PROJECTS" IMPACTING JOINTLY ON YAR AND PDRY, BUT WOULD BE UNLIKELY TO FUND PROJECTS LIMITED SOLELY TO ONE COUNTRY OR THE OTHER. (FYI, REFTELS SPOKE OF FUNDING BY "KUWAIT" FUND. DOUMANI STATED THAT DIS-CUSSIONS ARE WITH AFESD, ALSO LOCATED IN KUWAIT, AND UNCLASSIFIED

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'OT WITH KUWAIT FUND FOR ARAB ECONOMIC DEVELOPMENT.)

## 2. USGS-DRAFTED RESPONSE FOLLOWS: USGS CAN ASSIST YAR IN

RESOURCES SURVEY PROGRAM SUCH AS DESCRIBED BELOW, BUT CANNOT ENTER INTO COMPETITION WITH, OR SUBCONTRACT FROM, PRIVATE SECTOR. TO AVOID ANY MISCONCEPTIONS ON THIS POINT, USGS FEELS IT IS UNWISE TO DISCUSS POSSIBILITIES FOR USGS PROGRAM WITH YAR CONSULTANTS AT THIS TIME. IF YAR DECIDES TO UTILIZE USGS ASSISTANCE AND THEN FORMALLY REQUESTS USGS TO COORDINATE PLANNING WITH DESIGNATED YAR CONSULTANTS USGS WOULD BE PLEASED TO DO SO.

- 3. USGS HAS, HOWEVER, PROVIDED ADAR, AT THEIR REQUEST, WITH INFORMATION ABOUT REQUIREMENTS AND COSTS OF GEOLOGIC MAPPING BASED ON EXPERIENCE ELSEWHERE. ON JUNE 21, 1976, ADAR REPRESENTATIVE VISITED USGS FOR GENERAL DISCUSSION OF MAPPING CONCEPTS, TECHNIQUES, AND REQUIREMENTS, INCLUDING BRIEFING BY GROLIER ON GENERAL STATUS OF MAPPING IN YEMEN. ON DECEMBER 9, 1976, IN RESPONSE TO TELEPHONE REQUEST FROM ADAR, REINEMUND SUPPLIED INFORMATION ABOUT BUDGET CATEGORIES THAT MUST BE CONSIDERED IN DEVELOPING A MAPPING PROGRAM IN YEMEN AND DISCUSSED COST ELEMENTS INCLUDED IN MAPPING COST FIGURES PUBLISHED IN USGS ANNUAL REPORT FOR 1975.
- 4. THE FOLLOWING PROPOSAL REPRESENTS USGS CONCEPT OF AN ASSISTANCE PROGRAM THAT WOULD BE APPROPRIATE FOR YEMEN, USING UNIQUE EXPERTISE AND FACILITIES AVAILABLE IN USGS AND DRAWING ON EXPERIENCE GAINED IN SIMILAR PROGRAMS ELSEWHERE. WE BELIEVE SUCH A PROGRAM WOULD DIFFER SUBSTANTIALLY FROM A PROGRAM UNDERTAKEN BY A CONSULTING FIRM.
- 5. USGS RECOGNIZES THAT CONSIDERABLE WORK IS ALREADY DONE IN YEMEN BUT MUCH REMAINS TO BE DONE. OBVIOUSLY ANY NEW PROGRAM MUST BUILD ON WORK ALREADY DONE, INCLUDING ANALYTICAL WORK ON SAMPLES PREVIOUSLY COLLECTED IN USGS RECONNAISSANCE UNDER EXISTING US AID PROJECT.
- 6. USGS PROPOSES A PROGRAM HAVING FOLLOWING OBJECTIVES: ESTABLISH THE STRATIGRAPHIC AND TECTONIC FRAMEWORK OF UNCLASSIFIED

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YEMEN; DETERMINE THE RELATIONS OF THE KNOWN MINERAL DEPOSITS OF THE COUNTRY TO GEOLOGIC FEATURES; IDENTIFY TARGET AREAS TO BE EXAMINED IN DETAIL AS LOCI FOR MINERAL DEPOSITS HAVING ECONOMIC VALUE; PREPARE MAPS AND BOOK-TYPE PRODUCTS TO MAKE THE RESULTS OF GEOLOGIC STUDIES LISTED ABOVE WIDELY AVAILABLE; AND TRAIN YEMEN COUNTERPARTS IN ALL PHASES OF THE WORK LISTED ABOVE.

7. SUCH A PROGRAM WILL REQUIRE GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL MAPPING AND INVESTIGATIONS OF SELECTED

AREAS, AS WELL AS THE DEVELOPMENT OF CERTAIN LABORATORIES AND LOGISTICAL SUPPORT FACILITIES IN YEMEN. ALL SUCH ACTIVITIES WOULD PROVIDE TRAINING OPPORTUNITIES FOR YEMEN COUNTERPARTS.

- 8. USGS STAFFING PROBABLY WOULD INVOLVE FIVE EARTH SCIENTISTS, ONE CHEMIST, ONE ADMINISTRATIVE OFFICER ON FULL TIME BASIS PLUS SEVERAL PART-TIME SPECIALISTS. COUNTER-PART STAFFING CANNOT BE REFINED WITHOUT VISIT TO YEMEN AND FURTHER DEFINITION OF PROGRAM.
- 9. A DOCUMENT DESCRIBING PROPOSED PROGRAM WILL BE MAILED WITHIN TWO WEEKS.
- 10. IF YAR OFFICIALS WISH, AND US MISSION IN SANA CONCURS, USGS WILL ARRANGE TEAM VISIT TO SANA TO DEVELOP DOCUMENTATION AND DETAILED ESTIMATES REQUIRED TO INITIATE A PROGRAM OF COOPERATIVE WORK. ANY PROGRAM, OF COURSE, DEPENDENT ON ESTABLISHMENT OF SUITABLE FUNDING AND UPON RECEIPT OF AUTHORIZATION FROM AID UNDER FOREIGN ASSISTANCE ACT. ROBINSON

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## Message Attributes

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